

PERSONAL COMPUTER CARD FOR COLLECTION OF REAL-TIME  
BIOLOGICAL DATA

ABSTRACT OF THE DISCLOSURE

A real-time biological data processing PC card is lightweight, cost  
5 effective, and portable. The real-time biological data processing PC card is  
capable of converting a host personal computer system into a powerful diagnostic  
instrument. Each real-time biological data processing PC card is adapted to input  
and process biological data from one or more biological data sensors, and is  
interchangeable with other real-time biological data processing PC cards. A  
10 practitioner having three different real-time biological data processing PC cards,  
for example, each one corresponding to a different biological data collection  
device, effectively carries three full-sized, powerful diagnostic instruments. The  
full resources of a host personal computer can be utilized and converted into a  
powerful diagnostic instrument, for each biological data collection device, by the  
15 insertion of one of the real-time biological data processing PC cards.